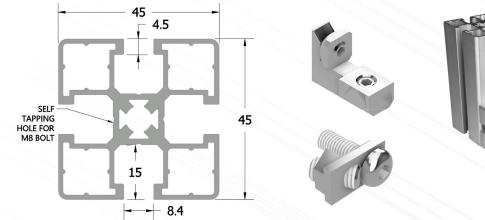




45 Series Aluminum Profile System

PARTS & COMPONENTS









Industry Standard T-slot Profile Speedlock Hidden Profile Fasteners Extensive Range of Parts & Components Bulk Profile Orders Curved Aluminum Profile



Overview

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AR TONS

ABOUT US

Modular Solutions is an American manufacturer focused on providing our customers with innovative structural aluminum systems and solutions. Our components and engineered solutions are used by industry leading robotics and automation suppliers around the world.

Our structural aluminum components feature standardized hardware. This saves our customers the time and frustration of making sure they have the correct mounting hardware for their projects. With our vast inventory we can provide quick turnaround for cut profiles or engineered solutions.

Our exceptional staff of engineers and knowledgeable sales personnel will assist with custom engineered solutions. Our dedicated customer service agents will provide fast quotes and order processing.

Excellence is our objective. We take pride in showing our customers the advantages of working with Modular Solutions.

WHAT SETS US APART

Modular Solutions brings products and solutions to the market that set us apart from other manufacturers. Here is just a small sample of what we have to offer:

Speedlock Hidden Profile Fasteners:

Innovative profile fasteners which do not require any milling, drilling or tapping. They allow for quicker assembly and easy adjustments. Available in hex key, TORX, stainless steel and insertable versions. Speedlocks are another way we help save our customers time and money. See pgs. 12-13 for more info.

Bulk Aluminum Orders:

Modular Solutions offers bulk orders for customers who use profile in larger quantities. There are no cutting fees for bulk aluminum orders and they save money on shipping costs.

Curved Aluminum:

Curved Aluminum adds an incredible amount of aesthetic appeal to robotic guarding, tables, displays/trade show cases and other structures. We have the equipment and knowhow to offer tailor-made curved aluminum solutions for your needs.

BUY ONLINE

Need a quick price or want to easily place an order? Just visit our website.

We have hundreds of part numbers, guarding, and other engineered solutions. You can also find literature, downloadable models, guarding configurators and more.

www.The-Modular-Solution.com

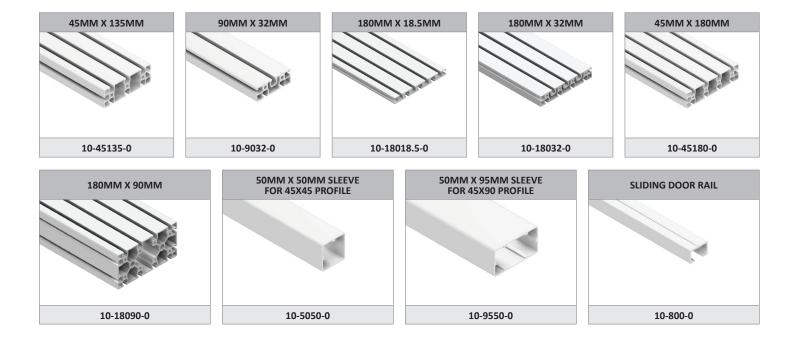
Aluminum Profiles



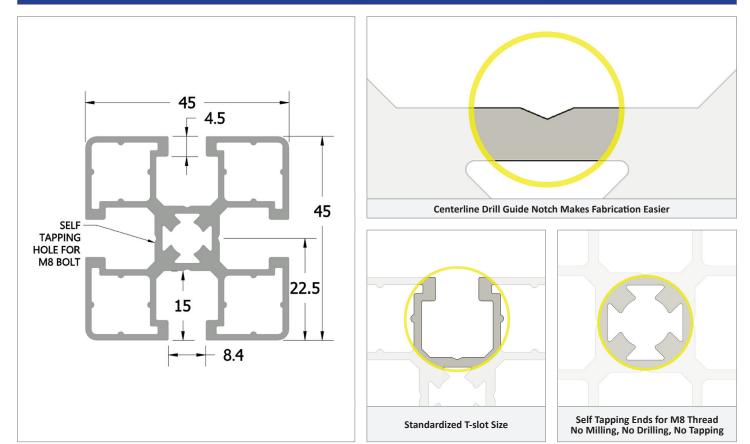


Aluminum Profiles





KEY FEATURES OF OUR PROFILES



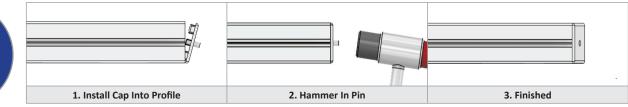
The-Modular-Solution.com

Aluminum Profiles

PROFILE END CAPS

		STANDARD			
0		0	•	•	e
PROFILE #	DESCRIPTION	LIGHT GRAY CAP	BLACK CAP	GRAY CAP	ALUMINUM CAP W/ S.S. SCREWS
10-4545-0	45MM X 45MM	60-010-2	60-010-1	60-010-0	60-010-5
10-4545H-0	45MM X 45MM Heavy	60-010-2	60-010-1	60-010-0	60-010-5
10-4590-0	45MM X 90MM	60-020-2	60-020-1	60-020-0	60-020-5
10-4590H-0	45MM X 45MM Heavy	60-020-2	60-020-1	60-020-0	60-020-5
10-9090-0	90MM X 90MM	60-030-2	60-030-1	60-030-0	60-030-5
10-9090H-0	90MM X 90MM Heavy	60-030-2	60-030-1	60-030-0	60-030-5
10-3218.5-0	32MM X 18.5MM	60-040-2	60-040-1		
10-3232-0	32MM X 32MM	60-060-2	60-060-1		60-060-5
10-3232RC-0	32MM X 32MM Round Corner	60-220-2	60-220-1		
10-45135-0	45MM X 135MM	60-140-2	60-140-1		
10-4518.5-0	45MM X 18.5MM 3-Slots	60-050-2	60-050-1		
10-4518.5-7	45MM X 18.5MM 2-Slots	60-050-2	60-050-1		
10-45180-0	45MM X 180MM	60-150-2	60-150-1		
10-4532-0	45MM X 32MM	60-070-2	60-070-1		60-070-5
10-4545MC-0	45MM X 45MM Miter Corner	60-090-2	60-090-1		
10-4545R-0	45MM X 45MM Round	60-290-2	60-290-1		
10-4545R45-0	45MM X 45MM 45 Deg Round	60-230-2	60-230-1		60-230-5
10-4545RC-0	45MM X 45MM Round Corner	60-120-2	60-120-1		
10-4545\$1-0	45MM X 45MM 1 Smooth Side	60-010-2	60-010-1	60-010-0	60-010-5
10-4545S2A-0	45MM X 45MM 2 Smooth Sides Adjacent	60-010-2	60-010-1	60-010-0	60-010-5
10-4545521-0	45MM X 45MM 2 Smooth Sides Inline	60-010-2	60-010-1	60-010-0	60-010-5
10-454554-0	45MM X 45MM Smooth Sides-Tear Away	60-010-2	60-010-1	60-010-0	60-010-5
10-459054-0	45MM X 90MM Smooth Sides-Tear Away	60-020-2	60-020-1	60-020-0	60-020-5
10-9018.5-0	90MM X 18.5MM	60-100-2	60-100-1		
10-9032-0	90MM X 32MM	60-210-2	60-210-1		
10-9090RC-0	90MM X 90MM Round Corner	60-190-2	60-190-1		
10-909054-0	90MM X 90MM Smooth Sides-Tear Away	60-030-2	60-030-1	60-030-0	60-030-5
10-18018.5-0	180MM X 18.5MM	60-110-2	60-110-1		
10-18032-0	180MM X 32MM	60-180-2	60-180-1		
10-18090-0	180MM X 90MM	60-170-2	60-170-1		

How to Install a Cap With Pin



MODULAR SOLUTIONS

Aluminum Profile Technical Data

GENERAL	
Material: ENAW-6063 T66 Aluminum Alloy	Material: ENAW-6060 T5/T6 Aluminum Alloy
Specific Weight: 2.75 G / CM ³	Specific Weight: 2.70 G / CM ³
Modulus of Elasticity: E: 70000 N/MM ²	Modulus of Elasticity: E: 68000 N/MM ²
Shear Modulus: G: 27000 N/MM ²	Shear Modulus: G: 26000 N/MM ²
Expansion Hardness: CA. 75 HB 2.5 / 187.5	Expansion Hardness: CA. 70 HB 2.5 / 187.5
Anodization Layer Thickness: CA. 10 $\boldsymbol{\mu}$	Anodization Layer Thickness: CA. 10 $\boldsymbol{\mu}$

	CHEMICAL COMPOSITION										
Alloy	AI	Si	Fe	Cu	Mn	Mg	Cr	Zn	ті	Others	
6063 T6	Balance	0.20-0.6	- 0.35	Max 0.10	Max 0.10	0.45-0.9	Max 0.10	Max 0.10	Max 0.10	0.05-0.15	
6060 T5/T6	Balance	0.3-0.6	0.1-0.3	Max 0.10	Max 0.10	0.35-0.6	Max 0.05	Max 0.15	Max 0.10	0.05-0.15	

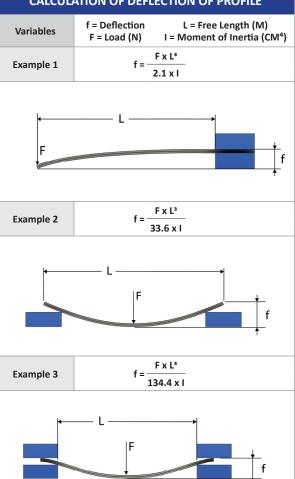
	MECHANICAL PROPERTIES									
Alloy	Fatigue Endurance Limit [MPA]	Yield Strength [MPA]	Tensile Strength [MPA]	Sheer Strength [MPA]	Hardness Brinell HB					
6063 T6	68.9	214	241	152	73					
6060 T5/T6	70	190	220	130	70					

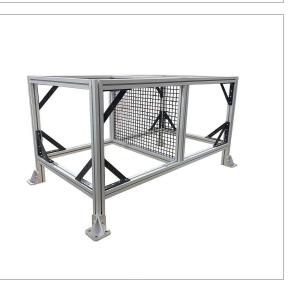
	OTHER	LOAD CAPACITY			
The follo 1 (wing are the suitability ratings from Excellent) to 6 (Not Advisable)	STANDARD PROFILE	HEAVY PROFILE		
Weldability	Gas: 3 TIG: 2 MIG: 2				
Machining Temper Characteristic	2				
Coating Properties	Hard Protecting Anodizing: 1 Decorative Bright Color Anodizing: 2				
Corrosion Resistance	General: 1 Marine: 2				
		F = 4000 N	F = 6000 N		

Aluminum Profile Technical Data

		Р	ROFILE T	ECHNIC	AL DATA					
Part Number	X (MM)	Y (MM)	Weight (KG/M)	lx (CM⁴)	ly (CM⁴)	Wx (CM⁴)	Wy (CM⁴)	Alloy		
10-4545-0	45	45	1.46	9.69	9.69	4.31	4.31	6063	11	
10-4545H-0	45	45	1.81	12.39	12.39	5.51	5.51	6063		
10-4590-0	45	90	2.42	18.87	74.17	8.39	16.48	6063	1	
10-4590H-0	45	90	3.36	24.31	100.71	11.22	21.96	6060		
10-9090-0	90	90	3.78	131.72	131.72	29.27	29.27	6063	1	
10-9090H-0	90	90	5.62	170.58	170.58	37.9	37.9	6060		
10-3218.5-0	32	18.5	0.72	2.46	1.15	1.54	1.24	6060	1 -	
10-3232-0	32	32	1.03	3.93	3.93	2.25	2.25	6060		
10-3232RC-0	32	32	1.16	4.1	4.1	2.41	2.41	6060	1	
10-45135-0	45	135	4.51	39.97	304.13	16.43	45.06	6060		
10-4518.5-0	45	18.5	0.86	5.32	1.54	2.36	1.50	6060		
10-4518.5-7	45	18.5	1.15	5.66	1.83	2.51	1.97	6060		
10-45180-0	45	180	5.96	48.33	689.89	21.48	76.65	6060	1 -	
10-4532-0	32	45	1.44	8.7	8.7	5.8	3.55	6060		
10-4545MC-0	45	45	1.51	8.20	8.20	4.28	4.28	6060		
10-4545R-0	45	45	1.70	9.68	9.68	4.30	4.30	6060		
10-4545R45-0	50	60	1.3	8.09	9.58	2.7	3.83	6060		
10-4545RC-0	45	45	1.40	9.19	9.19	3.63	3.63	6060		
10-4545\$1-0	45	45	1.66	11.32	11.94	5.03	5.30	6060	11	
10-4545S2A-0	45	45	1.36	9.79	9.79	4.04	4.04	6060		
10-4545521-0	45	45	1.52	10.68	10.71	4.75	4.76	6060	12	
10-4545\$4-0	45	45	1.58	11.73	11.73	5.2	5.2	6060		
10-4590\$4-0	45	90	3.18	24.77	98.61	11.01	21.93	6060		
10-9018.5-0	18.5	90	1.69	41.24	2.96	3.11	9.16	6060		
10-9032-0	32	90	2.9	71.34	11.73	15.86	7.33	6060		
10-909045C-0	90	90	4.32	176.49	176.49	23.3	23.3	6060		
10-9090RC-0	90	90	3.09	75.20	75.20	12.40	12.40	6060		
10-909054-0	90	90	4.70	165.38	165.38	36.75	36.75	6060		
10-18018.5-0	18.5	180	4.65	401.00	6.65	44.5	7.18	6060		
10-18032-0	32	180	6.11	606.86	25.01	67.43	15.63	6060		
10-18090-0	90	180	10.91	348.5	1298.7	77.45	144.3	6060		
10-5050-0	50	50	1.14	15.3	15.3	6.12	6.12	6060		
10-800-0	36	55	1.53	21.03	10.03	8.74	4.74	6060		
10-9550-0	50	95	1.86	28.78	79.55	11.51	16.75	6060		

CALCULATION OF DEFLECTION OF PROFILE



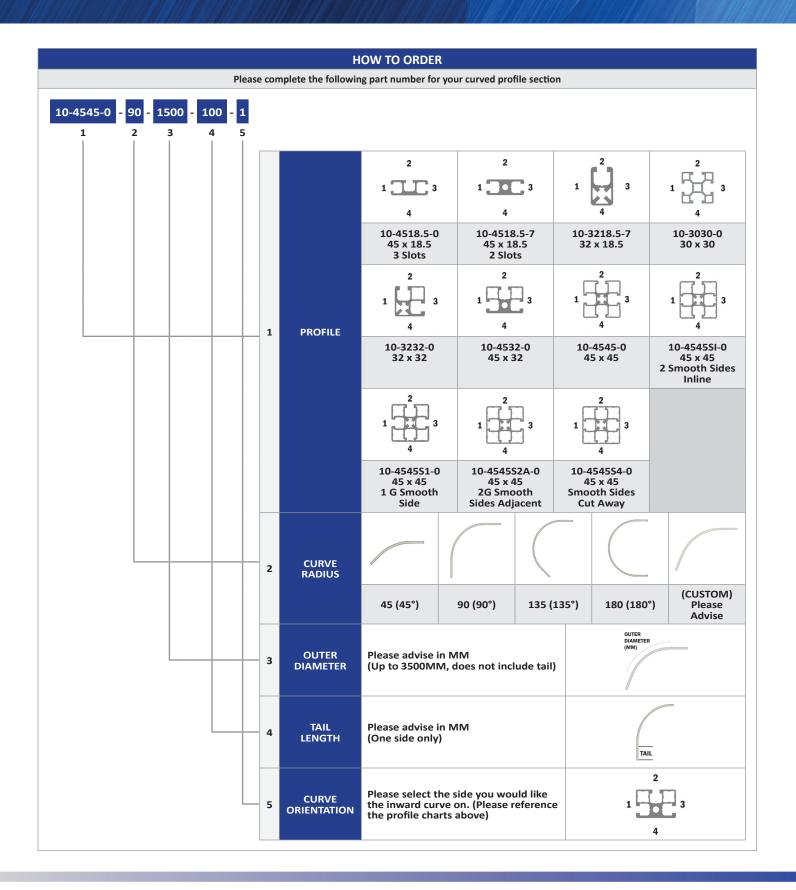


Curved Aluminum Profile

				(CURVED ALUMINU	M PROFILE SOLUT					
 Radius: 40 Angle: 1-14 Profile: 451 In House Li Powder Co Samples Are 	0MM-3500 80° MM or Sm Fl ead-Time: vating Avai vailable	aller EATURES 3-5 Bus. [Days		ŀ						Ĩ
 1" x 1" Me 1/2" x 1/2" 1/8" Polyc: 1/8" (4MM Corners on Rounded C Rounded H Tables Display & T Bars & Foo Industrial, 	" Mesh arbonate 1) PVC Foa Robotic G Corners on Hoods & Li Frade Shov	USES Guarding Enclosure ds w Cases		plications							
					PROFILE CUI	RVE TOLERANCES					
Part Number	Profile Curve Width (MM)	Profile Curve Height (MM)	Min. Curve Radius (MM)	Curve Edge Side	Orientation Reference Chart	Part Number	Profile Curve Width (MM)	Profile Curve Height (MM)	Min. Curve Radius (MM)	Curve Edge Side	Orientation Reference Chart
10-4518.5-0	45 18.5	18.5 45	900 300	1 & 3 2 & 4	2 1 3 4	10-4545-0	45	45	400	1 & 3 2 & 4	
10-4518.5-7	45	18.5	900	1&3	2	10-4545521-0	45	45	400	1&3	2

Number	Width (MM)	Height (MM)	Radius (MM)	Edge Side	Reference Chart	Number	Width (MM)	Height (MM)	Radius (MM)	Edge Side	Reference Chart	
	45	18.5	900	1&3	2		45	45	400	1&3		
10-4518.5-0	18.5	45	300	2&4	1 3	10-4545-0	45	45	400	2 & 4		
10 4540 5 7	45	18.5	900	1&3	2	10-4545521-0	45	45	400	1&3	2	
10-4518.5-7	18.5	45	300	2&4	4	10-4545521-0	45		400	2&4	4	
10-3218.5-7	32	18.5	300	1&3		10-454551-0	45	45	400	1&3	2	
10-5218.5-7	18.5	32	300	2 & 4	1 3 4	10-454551-0	45	45		2&4	4	
10-3030-0	30	30	300	1&3		10-4545S2A-0	45	45	400	1&3	2	
10-3030-0	50	50	500	2&4		10-454552A-0	45	45	400	2&4	4	
10-3232-0	32	32	300	1&3	2	10-454554-0	45	45	400	1&3	2	
10-3232-0	52	32	300	2&4	4	10-434334-0	45	45	400	2&4	4	
10-4532-0	45	32	400	1&3	2	Curve				00	2 Bend Edge 1 2 3	
10-4332-0	32	45	300	2&4	1 3 4	Example	Example				Edge 1 3 Side 4	

Curved Aluminum Profile



Feet & Casters

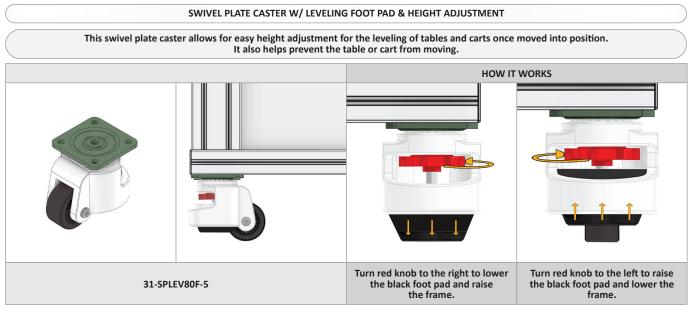


LEVELUNG FOOT 400MM PADMSTREEDD W/ JAM NUT SUMM PADMSTREEDD W/ JAM NUT SUMM PADMSTREEDD W/ JAM NUT SUMM PADMSTREEDD W/ JAM NUT SUMM PADMSTREEDD W/ JAM NUT Image: Sum PadMSTREEDD W/ JAM NUT Image: Sum PadMSTREE					
Image: Stress	40MM PAD - M8 THREAD	50MM PAD - M8 THREAD	50MM PAD - M8 THREAD	80MM PAD - M8 THREAD	40MM PAD - M10 THREAD
Image: Stress					
SOMM PAD - MID THREAD GOMM PAD - MID THREAD BOMM PAD - MID THREAD BOMM PAD - MID THREAD GOMM PAD - MID THREAD W/ JAM NUT Image: Some part of the some part	30-M8D40-1	30-M8D50-1	30-M8D50M-1	30-M8D80-1	30-M10D40-1
LEVELING FOOT BOMM PAD- MIG THREAD W/ JAM NUT - METAL CLAD I LEVELING FOOT IDMM PAD- MIG THREAD W/ JAM NUT - METAL CLAD Rigid pLATE CASTER W/ JAM NUT - METAL CLAD STEM STYLE CASTER SWVEL MID STEM W/ JAM NUT - METAL CLAD 30-MIGD80-1 30-MIGD100-1 30-MIGD100-1 30-MIGD100-1 31-RPD3-5 31-SM10D3-5 STEM STYLE CASTER 3 IN. WHEEL W/ HARDWARE SWIVEL PLATE CASTER 3 IN. WHEEL W/ HARDWARE SWIVEL PLATE CASTER 3 IN. WHEEL W/ HARDWARE SWIVEL PLATE CASTER 3 IN. WHEEL W/ HARDWARE STEM STYLE CASTER 4 IN. WHEEL W/ HARDWARE STEM STYLE CASTER 5 IN. WHEEL W/ HARDWARE STEM STYLE CASTER 5 IN. WHEEL 5 IN. WHEEL W/ HARDWARE STEM STYLE CASTER 5 IN. WHEEL 5 IN.	50MM PAD - M10 THREAD	60MM PAD - M10 THREAD	60MM PAD - M12 THREAD	80MM PAD - M12 THREAD	60MM PAD - M16 THREAD
LEVELING FOOT BOMM PAD- MIG THREAD W/ JAM NUT - METAL CLAD I LEVELING FOOT IDMM PAD- MIG THREAD W/ JAM NUT - METAL CLAD Rigid pLATE CASTER W/ JAM NUT - METAL CLAD STEM STYLE CASTER SWVEL MID STEM W/ JAM NUT - METAL CLAD 30-MIGD80-1 30-MIGD100-1 30-MIGD100-1 30-MIGD100-1 31-RPD3-5 31-SM10D3-5 STEM STYLE CASTER 3 IN. WHEEL W/ HARDWARE SWIVEL PLATE CASTER 3 IN. WHEEL W/ HARDWARE SWIVEL PLATE CASTER 3 IN. WHEEL W/ HARDWARE SWIVEL PLATE CASTER 3 IN. WHEEL W/ HARDWARE STEM STYLE CASTER 4 IN. WHEEL W/ HARDWARE STEM STYLE CASTER 5 IN. WHEEL W/ HARDWARE STEM STYLE CASTER 5 IN. WHEEL 5 IN. WHEEL W/ HARDWARE STEM STYLE CASTER 5 IN. WHEEL 5 IN.					
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STEM STYLE CASTER 3 IN. WHEEL SWIVEL M10 STEM W/ LOCK & HARDWARE SWIVEL PLATE CASTER 3 IN. WHEEL W/ LOCK & HARDWARE RIGID PLATE CASTER 4 IN. WHEEL W/ HARDWARE STEM STYLE CASTER 4 IN. WHEEL W/ LOCK & HARDWARE STEM STYLE CASTER 3 I.SPD3-7 STEM STYLE CASTER 5 IN. WHEEL W/ LOCK & HARDWARE STEM STYLE CASTER 5 IN. WHEEL W/ LOCK & HARDWARE STEM STYLE CASTER 5 IN. WHEEL SWIVEL PLATE CASTER 4 IN. WHEEL W/ LOCK & HARDWARE STEM STYLE CASTER 5 IN. WHEEL SWIVEL M10 STEM W/ LOCK & HARDWARE STEM STYLE CASTER 5 IN. WHEEL SWIVEL M10 STEM W/ LOCK & HARDWARE STEM STYLE CASTER 5 IN. WHEEL SWIVEL M10 STEM W/ LOCK & HARDWARE STEM STYLE CASTER 5 IN. WHEEL SWIVEL M10 STEM W/ LOCK & HARDWARE STEM STYLE CASTER 5 IN. WHEEL SWIVEL M10 STEM W/ LOCK & HARDWARE STEM STYLE CASTER 5 IN. WHEEL SWIVEL M10 STEM W/ LOCK & HARDWARE STEM STYLE CASTER 5 IN. WHEEL SWIVEL M10 STEM W/ LOCK & HARDWARE STEM STYLE CASTER 5 IN. WHEEL SWIVEL M10 STEM W/ LOCK & HARDWARE STEM STYLE CASTER 5 IN. WHEEL SWIVEL M10 STEM SWIVEL M1	80MM PAD - M16 THREAD	100MM PAD - M16 THREAD	100MM PAD - M16 THREAD	3 IN. WHEEL	3 IN. WHEEL SWIVEL M10 STEM
STEM STYLE CASTER 3 IN. WHEEL SWIVEL M10 STEM W/ LOCK & HARDWARE SWIVEL PLATE CASTER 3 IN. WHEEL W/ LOCK & HARDWARE RIGID PLATE CASTER 4 IN. WHEEL W/ HARDWARE STEM STYLE CASTER 4 IN. WHEEL W/ LOCK & HARDWARE STEM STYLE CASTER 3 I.SPD3-7 STEM STYLE CASTER 5 IN. WHEEL W/ LOCK & HARDWARE STEM STYLE CASTER 5 IN. WHEEL W/ LOCK & HARDWARE STEM STYLE CASTER 5 IN. WHEEL SWIVEL PLATE CASTER 4 IN. WHEEL W/ LOCK & HARDWARE STEM STYLE CASTER 5 IN. WHEEL SWIVEL M10 STEM W/ LOCK & HARDWARE STEM STYLE CASTER 5 IN. WHEEL SWIVEL M10 STEM W/ LOCK & HARDWARE STEM STYLE CASTER 5 IN. WHEEL SWIVEL M10 STEM W/ LOCK & HARDWARE STEM STYLE CASTER 5 IN. WHEEL SWIVEL M10 STEM W/ LOCK & HARDWARE STEM STYLE CASTER 5 IN. WHEEL SWIVEL M10 STEM W/ LOCK & HARDWARE STEM STYLE CASTER 5 IN. WHEEL SWIVEL M10 STEM W/ LOCK & HARDWARE STEM STYLE CASTER 5 IN. WHEEL SWIVEL M10 STEM W/ LOCK & HARDWARE STEM STYLE CASTER 5 IN. WHEEL SWIVEL M10 STEM W/ LOCK & HARDWARE STEM STYLE CASTER 5 IN. WHEEL SWIVEL M10 STEM SWIVEL M1					
3 IN. WHEEL SWIVEL PLATE CASTER SWIVEL PLATE CASTER SWIVEL PLATE CASTER 4 IN. WHEEL W/ LOCK & HARDWARE W/ HARDWARE W/ LOCK & HARDWARE W/ HARDWARE W/ HARDWARE W/ HARDWARE Image: Swivel plate caster Image: Swivel plate caster Image: Swivel plate caster W/ LOCK & HARDWARE W/ HARDWARE Image: Swivel plate caster Image: Swivel plate caster<	30-M16D80-1	30-M16D100-1	30-M16D100M-1	31-RPD3-5	31-SM10D3-5
31-SM10D3-7 31-SPD3-5 31-SPD3-7 31-RPD4-5 31-SM10D4-7 SWIVEL PLATE CASTER 4 IN. WHEEL W/ HARDWARE SWIVEL PLATE CASTER 4 IN. WHEEL W/ LOCK & HARDWARE RIGID PLATE CASTER 5 IN. WHEEL W/ HARDWARE STEM STYLE CASTER 5 IN. WHEEL SWIVEL M10 STEM W/ LOCK & HARDWARE STEM STYLE CASTER 5 IN. WHEEL SWIVEL M10 STEM W/ LOCK & HARDWARE STEM STYLE CASTER 5 IN. WHEEL SWIVEL M10 STEM W/ LOCK & HARDWARE STEM STYLE CASTER 5 IN. WHEEL SWIVEL M10 STEM W/ LOCK & HARDWARE STEM STYLE CASTER 5 IN. WHEEL SWIVEL M10 STEM W/ LOCK & HARDWARE STEM STYLE CASTER 5 IN. WHEEL SWIVEL M10 STEM W/ LOCK & HARDWARE STEM STYLE CASTER 5 IN. WHEEL SWIVEL M10 STEM W/ LOCK & HARDWARE STEM STYLE CASTER 5 IN. WHEEL SWIVEL M10 STEM W/ LOCK & HARDWARE STEM STYLE CASTER 5 IN. WHEEL SWIVEL M10 STEM W/ LOCK & HARDWARE STEM STYLE CASTER 5 IN. WHEEL SWIVEL M10 STEM W/ LOCK & HARDWARE STEM STYLE CASTER 5 IN. WHEEL SWIVEL M10 STEM W/ LOCK & HARDWARE STEM STYLE CASTER 5 IN. WHEEL SWIVEL M10 STEM W/ LOCK & HARDWARE STEM STYLE CASTER 5 IN. WHEEL SWIVEL M10 STEM W/ LOCK & HARDWARE STEM STYLE CASTER SWIVEL M10 STEM SWIVEL M10 STEM SWIVEL M10 STEM SWIVEL M10 STEM SWIVEL M10 STEM STEM STYLE CASTER SWIVEL M10 STEM SWIVEL M10 STEM STEM STYLE CASTER SWIVEL M10 STEM SWIVEL M10 STEM STEM STYLE CASTER SWIVEL M10 STEM<	3 IN. WHEEL SWIVEL M10 STEM	3 IN. WHEEL	3 IN. WHEEL	4 IN. WHEEL	4 IN. WHEEL SWIVEL M10 STEM
Swivel Plate Caster 4 IN. WHEEL W/ HARDWARE Swivel Plate Caster 4 IN. WHEEL W/ LOCK & HARDWARE Rigid Plate Caster 5 IN. WHEEL W/ HARDWARE Stem Style Caster 5 IN. WHEEL Swivel M10 Stem W/ HARDWARE Stem Style Caster 5 IN. WHEEL Swivel M10 Stem W/ HARDWARE Image: Comparison of the system Image: Comparison of the system W/ HARDWARE Stem Style Caster 5 IN. WHEEL Swivel M10 Stem W/ HARDWARE Stem Style Caster 5 IN. WHEEL Swivel M10 Stem W/ HARDWARE Stem Style Caster 5 IN. WHEEL Swivel M10 Stem W/ LOCK & HARDWARE Image: Comparison of the system Image: Comparison of the system Image: Comparison of the system Image: Comparison of the system Image: Comparison of the system Stem Style Caster Stem Stem W/ HARDWARE Stem Style Caster Stem Style Caster Stem Style Caster Stem Stem W/ HARDWARE Image: Comparison of the system Image: Comparison of		Č		Ó	Ť
SWIVEL PLATE CASTER 4 IN. WHEEL W/ HARDWARE SWIVEL PLATE CASTER 4 IN. WHEEL W/ LOCK & HARDWARE RIGID PLATE CASTER 5 IN. WHEEL W/ HARDWARE S IN. WHEEL SWIVEL M10 STEM W/ HARDWARE S IN. WHEEL SWIVEL M10 STEM W/ LOCK & HARDWARE Image: Comparison of the state of	31-SM10D3-7	31-SPD3-5	31-SPD3-7	31-RPD4-5	31-SM10D4-7
i i	4 IN. WHEEL	4 IN. WHEEL	5 IN. WHEEL	5 IN. WHEEL SWIVEL M10 STEM	5 IN. WHEEL SWIVEL M10 STEM
31-SPD4-5 31-SPD4-7 31-RPD5-5 31-SM10D5-5 31-SM10D5-7			Ó	Ċ	Ċ
	31-SPD4-5	31-SPD4-7	31-RPD5-5	31-SM10D5-5	31-SM10D5-7

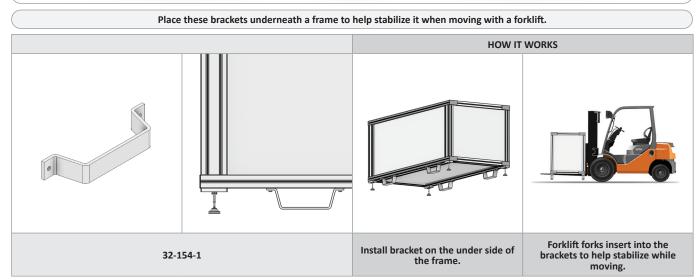








1/4" THICK STEEL FORKLIFT BRACKET





Feet & Casters

S Profile	4 SIDED - 45	MOUNTING FOOT X 45 - 11MM ANCHOR HOLES W/ HARDWARE	MOUNTING FOOT 2 SIDED - 45 X 45 - 13MM ANCHOR HOLES W/ HARDWARE	MOUNTING FOOT 3 SIDED - 45 X 45 - 11MM ANCHOR HOLES W/ HARDWARE		
Mounting Hardware			•			
W/ HARDWARE		33-4545-1	33-45452S-1	33-454535-1		
W/ SS HARDWARE		33-4545-1SS	33-454525-155	33-45453S-1SS		
W/ ESD HARDWARE		33-4545-1ESD	33-45452S-1ESD	33-45453S-1ESD		
NO HARDWARE		33-4545-0	33-454525-0	33-454535-0		
MOUNTING FOO 45MM GRAY PLAS FOOT COVER		No. Profile	MOUNTING FOOT 4 SIDED - 45 X 90 - 11MM ANCHOR HOLES W/ HARDWARE	MOUNTING FOOT 3 SIDED - 45 X 90 - 170MM TALL 12MM ANCHOR HOLES W/ HARDWARE		
		Mounting Hardware	The second second			
		W/ HARDWARE	33-4590-1	33-45903S-1		
33-4545CAP-0		W/ SS HARDWARE	33-4590-1SS	33-459035-155		
		NO HARDWARE	33-4590-0	33-45903S-0		
S. Profile	3 SIDED	MOUNTING FOOT - 45 X 90 - 105MM TALL MM ANCHOR HOLES W/ HARDWARE	MOUNTING FOOT 4 SIDED - 90 X 90 - 170MM TALL 12MM ANCHOR HOLES W/ HARDWARE	MOUNTING FOOT 4 SIDED - 90 X 90 - 105MM TALL 12MM ANCHOR HOLES W/ HARDWARE		
Mounting Hardware						
W/ HARDWARE	HARDWARE 33-45903S-7		33-9090-1	33-9090-7		
W/ SS HARDWARE		33-45903S-7SS	33-9090-1SS	33-9090-755		
W/ ESD HARDWARE		33-45903S-7ESD	33-9090-1ESD	33-9090-7ESD		
NO HARDWARE		33-45903S-6	33-9090-0	33-9090-6		
SUPPORT ANGLE BRACKE	T SUPPO	RT ANGLE BRACKET				



Mounting & Pneumatic Plates



		45 X 90 MOUNTI	NG PLATES						
	CENTER HOLE THREAD	M10	M12	M16	NO HOLE				
	PLATE VERSION	FORGED PLATE							
	W/ HARDWARE	32-4590M10-1	32-4590M12-1	32-4590M16-1	32-4590W1				
	W/ SS HARDWARE	32-4590M10-1SS	32-4590M12-1SS	32-4590M16-1SS	32-4590W-1SS				
	NO HARDWARE	32-4590M10-0	32-4590M12-0	32-4590M16-0	32-4590W-0				
	PLATE VERSION		SOLID	PLATE					
	W/ HARDWARE	32-4590M10S-1	32-4590M12S-1		32-4590WS1				
	W/ SS HARDWARE	32-4590M10S-1SS	32-4590M12S-1SS		32-4590WS-1SS				
	NO HARDWARE	32-4590M10S-0	32-4590M12S-0		32-4590WS-0				

50 X 50 M 60 M M 6 1 EAE5						
	CENTER HOLE THREAD	M10	M12	M16	NO HOLE	
	PLATE VERSION	FORGED PLATE				
	W/ HARDWARE			32-9090M16-1		
	W/ SS HARDWARE			32-9090M16-1SS		
	NO HARDWARE			32-9090M16-0		
	PLATE VERSION	SOLID PLATE				
	W/ HARDWARE	32-9090M10S-1	32-9090M12S-1	32-9090M16S-1	32-9090WS-1	
	W/ SS HARDWARE	32-9090M10S-1SS	32-9090M12S-1SS	32-9090M16S-1SS	32-9090WS-1SS	
	NO HARDWARE	32-9090M10S-0	32-9090M12S-0	32-9090M16S-0	32-9090WS-0	

90 X 90 MOUNTING PLATES

45 X 90 PNEUMATIC PLATES W/ GASKET

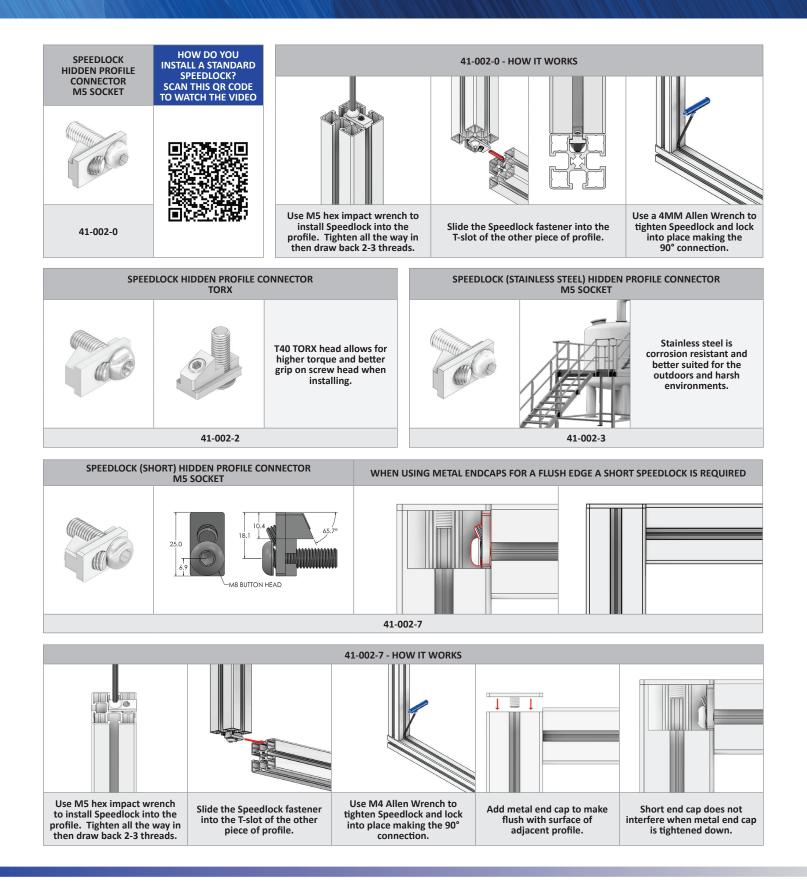
	CENTER HOLE THREAD	1/4 NPT	1/4 G	3/8 NPT	3/8 G
	W/ HARDWARE	32-459014N-1	32-459014G-1	32-459038N-1	32-459038G-1
	W/ SS HARDWARE	32-459014N-1SS	32-459014G-1SS	32-459038N-1SS	32-459038G-1SS
	CENTER HOLE THREAD	1/2 NPT	1/2 G	NO F	IOLE
	W/ HARDWARE	32-459012N-1	32-459012G-1	32-4590PNEU-1	
	W/ SS HARDWARE	32-459012N-1SS	32-459012G-1SS	32-4590PNEU-1SS	

90 X 90 PNEUMATIC PLATES W/ GASKET

	CENTER HOLE THREAD	1/4 G	1/4 NPT	3/8 G	3/8 NPT
	W/ HARDWARE	32-909014G-1	32-909014N-1	32-909038G-1	32-909038N-1
	W/ SS HARDWARE	32-909014G-1SS	32-909014N-1SS	32-909038G-1SS	32-909038N-1SS
	CENTER HOLE THREAD	1/2 G	1/2 NPT	NO	HOLE
	W/ HARDWARE	32-909012G-1	32-909012N-1	32-9090PNEU-1	
	W/ SS HARDWARE	32-909012G-1SS	32-909012N-1SS	32-9090PNEU-1SS	

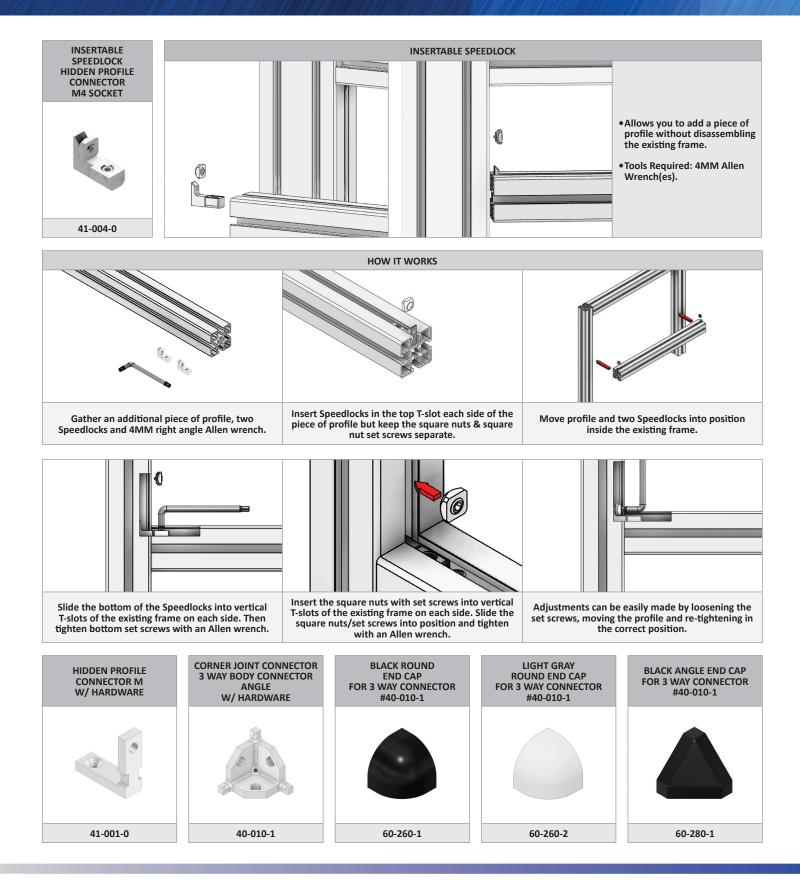
Connectors







Connectors





LIGHT GRAY ANGLE END CAP FOR 3 WAY CONNECTOR #40-010-1	CORNER JOINT CONNECTOR 32MM X 32MM FOR ROUND CORNER		Profile		BRACKET K 45MM	GUSSET BRACKET 45MM X 90MM	GUSSET BRACKET 90MM X 90MM
		Y & W	Mounting Hardware				
		N	// HARDWARE	40-1	10-1	40-120-1	40-130-1
co 200 2	40.000.0	w/	SS HARDWARE	40-11	0-1SS	40-120-1SS	40-130-1SS
60-280-2	40-032-0	W/	ESD HARDWARE	40-110	0-1ESD		
		N	O HARDWARE	40-1	10-0	40-120-0	40-130-0
	GUSSET BRACKET 30MM X 30MM		BRACKET X 60MM	GUSSET BRAC 18.5MM X 45I		GUSSET COVER CAP BLACK 45MM X 45MM CAP FOR # 40-110-1	GUSSET COVER CAP GRAY 45MM X 45MM CAP FOR # 40-110-1
 Profile Mounting Hardware Options 	E						
W/ HARDWARE	40-140-1	40-	150-1	40-160-1			
W/ SS HARDWARE	40-140-1SS	40-1	50-1SS	40-160-155	;	40-210-0	40-210-1
NO HARDWARE	40-140-0	40-	150-0	40-160-0			
GUSSET COVER CAP BLACK 45MM X 90MM CAP FOR # 40-120-1	GUSSET COVER GRAY 45MM X 9 CAP FOR # 40-1	0MM	BLACK 90N	COVER CAP /M X 90MM # 40-130-1	GRAY	SET COVER CAP 7 90MM X 90MM FOR # 40-130-1	CORNER BRACE 45° CORNER BRACE W/ HARDWARE
		1					
40-220-0	40-220-1		40-2	230-0		40-230-1	40-300-1
	ROBUST STEEL					45° DIAGONAL BRACES	
No Profile	ANGLE BRACKET POWDER COAT GRAY		Profile	45MM X 4 360N		45MM X 90MM X 360MM	90MM X 90MMX 460MM
Mounting Hardware		0 (\$	Mounting Hardware				
W/ HARDWARE	40-408-1	w/	HARDWARE	40-345	45-1	40-34590-1	40-39090-1
W/ NO HARDWARE	40-408-0	W/E	SD HARDWARE	40-3454	5-1ESD		



	90° ALUMINUM ANGLE BRACKETS						
Nofile	45MM TALL X 45MM WIDE	30MM TALL X 30MM WIDE	90MM TALL X 45MM WIDE	60MM TALL X 30MM WIDE	90MM TALL X 90MM WIDE		
Mounting Hardware Options		0	0	0			
W/ HARDWARE	40-510-1	40-513-1	40-520-1	40-523-1	40-530-1		
W/ SS HARDWARE	40-510-1SS	40-513-1SS	40-520-1SS	40-523-155	40-530-1SS		
NO HARDWARE	40-510-0	40-513-0	40-520-0	40-523-0	40-530-0		

	90° ALUMINUM ANGLE BRACKETS					
 Profile Mounting Hardware Options 	60MM TALL X 60MM WIDE	45MM TALL X 90MM WIDE	30MM TALL X 60MM WIDE			
		•••	0 0			
W/ HARDWARE	40-533-1	40-540-1	40-543-1			
W/ SS HARDWARE	40-533-1SS	40-540-1SS	40-543-1SS			
NO HARDWARE	40-533-0	40-540-0	40-543-0			

	VARIOUS DEGREE ALUMINUM ANGLE BRACKETS					
 Profile Mounting Hardware Options 	45° - 90MM TALL X 45MM WIDE	60° - 90MM TALL X 45MM WIDE	135° - 90MM TALL X 45MM WIDE			
		D				
W/ HARDWARE	40-550-1	40-560-1	40-570-1			
W/ SS HARDWARE	40-550-1SS	40-560-1SS	40-570-1SS			
NO HARDWARE	40-550-0	40-560-0	40-570-0			

	ALUMINUM TIE PLATES					
Profile	45MM X 90MM	45MM X 90MM W/ SLOTTED HOLE	90MM X 90MM	45MM X 180MM		
Mounting Hardware	0	00	0 0	0 0 0 0		
W/ HARDWARE	41-110-1	41-115-1	41-120-1	41-130-1		
W/ SS HARDWARE	41-110-1SS	41-115-1SS	41-120-1SS	41-130-1SS		
NO HARDWARE	41-110-0	41-115-0	41-120-0	41-130-0		

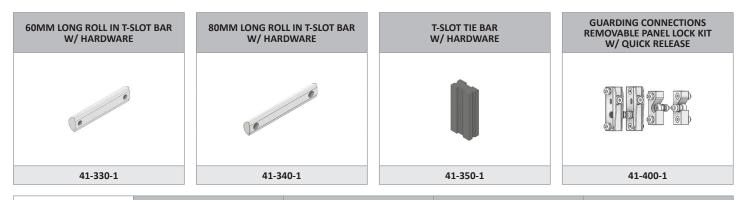


	ALUMINUM TIE PLATES						
Same Profile	90MM X 180MM	135MM X 135MM CORNER PLATE	135MM X 135MM CORNER PLATE	180MM X 180MM CORNER PLATE	180MM X 180MM TEE PLATE		
Mounting Hardware	· · · · · · · · · · · · · · · · · · ·	0 0 0 0	• • •	0 0 0 0 0 0 0 0			
W/ HARDWARE	41-140-1	41-150-1	41-154-1	41-160-1	41-165-1		
W/ SS HARDWARE	41-140-1SS	41-150-1SS	41-154-1SS	41-160-1SS	41-165-1SS		
W/ ESD HARDWARE			41-154-1ESD				
NO HARDWARE	41-140-0	41-150-0	41-154-0	41-160-0	41-165-0		

	STEEL TIE PLATES				
Des Els	45MM X 90MM	90MM X 90MM	45MM X 90MM	100MM X 100MM CASTER MOUNTING PLATE	
 Profile Mounting Hardware Options 	0 0 0 0 0	000	00	a col	
W/ HARDWARE	41-170-1	41-174-1	41-180-1	41-190-1	
W/ SS HARDWARE	41-170-1SS	41-174-1SS	41-180-1SS	41-190-1SS	
NO HARDWARE	41-170-0	41-174-0	41-180-0	41-190-0	

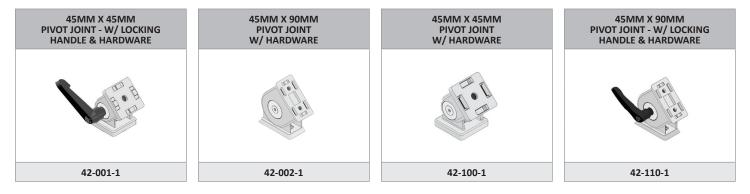
SCISSOR HINGE MITER CONNECTION W/ HARDWARE (NO DRILLING)	SCISSOR HINGE ELBOW MITER CONNECTION W/ HARDWARE (NO DRILLING)	SCISSOR HINGE MITER CONNECTION W/ HARDWARE	1/4 TURN MITRE CONNECTOR W/ HARDWARE ANGLES 30° TO 90°
41-200-1	41-210-1	41-220-1	41-221-1
MITRE CONNECTOR W/ HARDWARE ANGLES 55° TO 180°	90MM LONG T-SLOT BAR W/ HARDWARE	180MM LONG T-SLOT BAR W/ HARDWARE	40MM LONG ROLL IN T-SLOT BAR W/ HARDWARE
	0 0	0 0 0 0	00
41-222-1	41-300-1	41-310-1	41-320-1





	REMOVABLE PANEL GUARDING CONNECTION	GUARD FIXING ANGLE	ANTI-ROTATE GUARD FIXING ANGLE	ANTI-ROTATE GUARD FIXING ANGLE
 Profile Mounting Hardware Options 		the of	C OP	
W/ HARDWARE	41-410-1	41-420-1	41-430-1	41-440-1
W/ SS HARDWARE	41-410-1SS	41-420-1SS		
W/ TORX HARDWARE		41-420-2		
NO HARDWARE	41-410-0	41-420-0	41-430-0	41-440-0

	REMOVABLE PANEL GUIDE	WALL MOUNTING BRACKET U CHANNEL	45 TO D28 SERIES CONNECTORS	D28 TO 45 SERIES PROFILE T-SLOT CONNECTOR	D28 (RIDGE) TO 45 SERIES PROFILE T-SLOT CONNECTOR
 Profile Mounting Hardware Options 		0	The D28 Series is a great option for lightweight to medium applications. It can also be used in conjunction		
W/ HARDWARE	41-450-1	41-500-1	11-500-1 with the 45 Series (with the connectors to the right) to		41D-166-1
NO HARDWARE		41-500-0	save space and costs.	41D-157-0	41D-166-0





1/4 TURN L-HANDLE (CAM LATCH NOT INCLUDED)	1/4 TURN L-HANDLE W/ EGRESS SAFETY HANDLE (-5 OFFSET)	LOCKING 1/4 TURN L-HANDLE KEYED FH333 (CAM LATCH NOT INCLUDED)	45MM BOLT LOCK 8MM FOUR FACED KEY (INCLUDES CAM LATCH)	BOLT LOCK 10MM HEX (INCLUDES CAM LATCH)	ANTI-ROTATE FOR HANDLES W/ HARDWARE WORKS WITH 1/4 TURN HANDLES & BOLT LOCKS
				Co Co	0.
50-010-0	50-010-8	50-020-0	53-010-0	53-020-0	50-120-1
EGRESS SAFETY HANDLE W/ INTEGRATED CAM LATCH	CAM LATCH (+4 OFFSET)	CAM LATCH (-5 OFFSET) WORKS W/ # 52-010-1	CAM LATCH (-14 OFFSET)	CAM LATCH DOOR STOP W/ HARDWARE WORKS W/ # 50-105-0	100MM STEEL FOLDING HANDLE W/ HARDWARE
1.2	(30)	80	(30)		
50-100-0	50-104-0	50-105-0	50-114-0	52-010-1	50-250-1
Notile	90MM PULL HANDLE GRAY	120MM PULL HANDLE GRAY	120MM PULL HANDLE BLACK	180MM PULL HANDLE GRAY	180MM PULL HANDLE BLACK
Mounting Hardware	1)	1)
W/ HARDWARE	50-240-1	50-210-1	50-211-1	50-200-1	50-201-1
W/ SS HARDWARE	50-240-1SS	50-210-1SS	50-211-1SS	50-200-1SS	50-201-1SS
NO HARDWARE	50-240-0	50-210-0	50-211-0	50-200-0	50-201-0
120MM ALUMINUM HANDLE	Nofile	FASTENING SET FOR HANDLE # 50-220-0	200MMALUMINUM HANDLE	Profile	FASTENING SET FOR HANDLE # 50-230-0

Mounting

Hardware

50-221-1

50-221-1SS

50-221-1ESD

50-221-0

50-230-0

Options

W/ HARDWARE

W/ SS HARDWARE

W/ ESD HARDWARE

NO HARDWARE

50-231-1

50-231-1SS

50-231-1ESD

50-231-0

Mounting

Hardware

Options

W/ HARDWARE

W/ SS HARDWARE

W/ ESD HARDWARE

NO HARDWARE

50-220-0

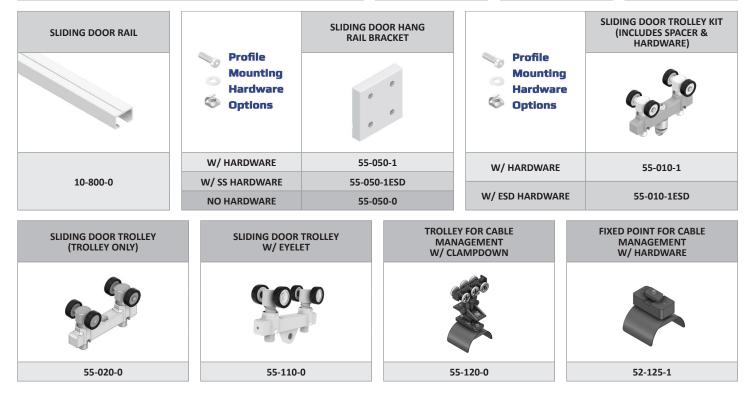




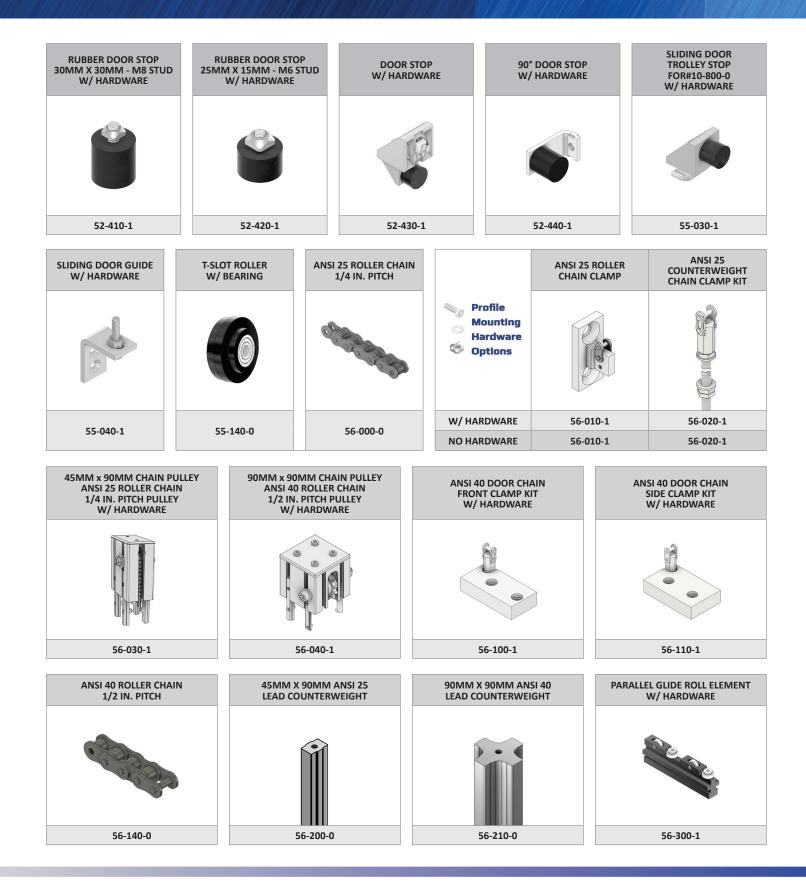


	LIFTOFF HINGES			
Same Profile	45MM	18.5MM	45MM TO 30MM TRANSITION	
Mounting Hardware	00000	0		
W/ HARDWARE	51-000-1	51-185-1	51-345-1	
W/ SS HARDWARE	51-000-1SS	51-185-1SS	51-345-1SS	
NO HARDWARE		51-185-0	51-345-0	

	45MM BUTT HINGE	LARGE HINGE	45MM HINGE W/ HARDWARE	45MM HINGE W/ LOCKING LEVER & HARDWARE	45MM SAFETY SWITCH HINGE SET W/ HARDWARE
 Profile Mounting Hardware Options 					
W/ HARDWARE	51-030-1	51-035-1			
W/ SS HARDWARE	51-030-1SS		51-010-1	51-020-1	51-040-1
NO HARDWARE	51-030-0	51-035-0			







Panels

	MESH				
	MESH SIZE	PANEL SIZE	COLOR	PART #	
		4 FT. X 8 FT.		63-000-ВК	
164.		3FT. X 8 FT.	BLACK	63-010-BK	
	1 IN.	4 FT. X 7 FT.		63-020-ВК	
		3 FT. 6 IN. X 7 FT.		63-030-ВК	
		3 FT. 7 IN. X 7 FT.		63-040-ВК	
	1 /2 IN.	4 FT. X 8 FT.		63-050-BK	
	1 1/2 IN.	3 FT. 6 IN. X 7 FT.		63-130-BK	
	1 IN.	4 FT. X 8 FT.	YELLOW	63-000-Y	

		GLASS		
	THICKNESS	PANEL SIZE	GLASS TYPE	PART #
CONTACT US FOR		TEMPERED	CONTACT US	
	MORE INFO	RMATION	LAMINATED	FOR MORE INFORMATION

POLYCARBONATE PANEL						
	THICKNESS	PANEL SIZE	COLOR	PART #		
	1/4 IN.	4 FT. X 8 FT	CLEAR	63-200-0		

PVC PANEL				
	THICKNESS	PANEL SIZE	COLOR	PART #
			BLACK	63-100-ВК
<i>.</i>			BLUE	63-100-BL
1/4 IN.		GRAY	63-100-G	
	1/4 IN.	4 FT. X 8 FT.	GREEN	63-100-GN
10			RED	63-100-R
			WHITE	63-100-W
			YELLOW	63-100-Y

SOLID STEEL PANEL					
	THICKNESS	PANEL SIZE	COLOR	PART #	
	14 GAGE	4 FT. X 8 FT.	METALLIC	63-430-0	

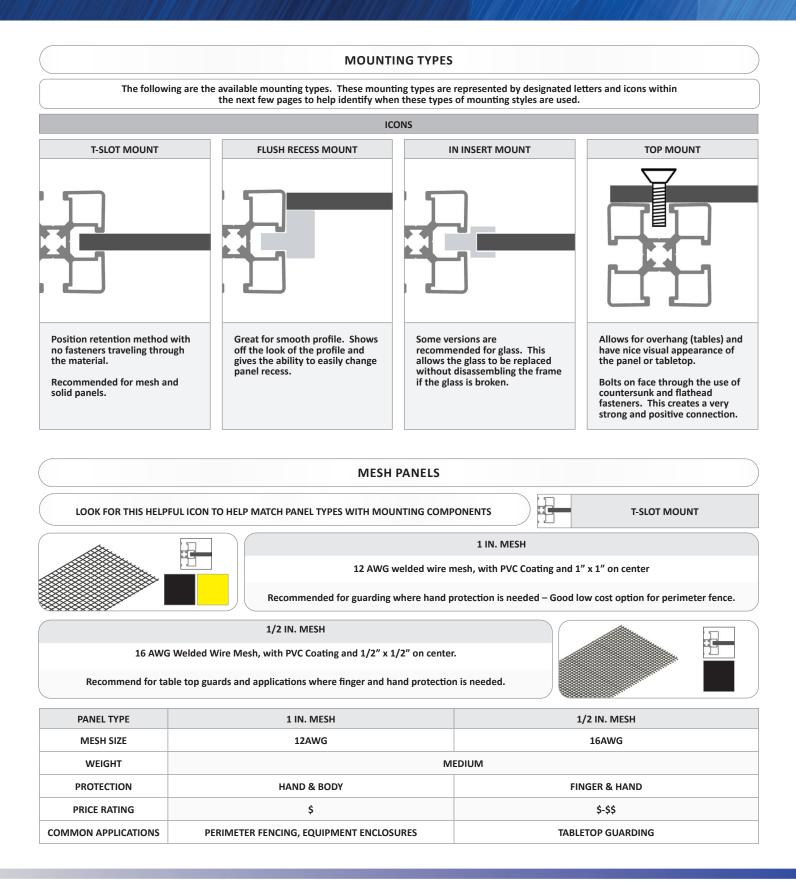
See pages 23-28 for panel mounting information

Other panel sizes, colors and materials may be available. Contact us for more information.

ACM -	ACM - ALUMINUM COMPOSITE MATERIAL PANEL					
	THICKNESS	PANEL SIZE	COLOR	PART #		
	6MM		METALLIC	63-300-0		
	GIVIIVI	4 FT. X 8 FT.	BLUE	63-300-BL		

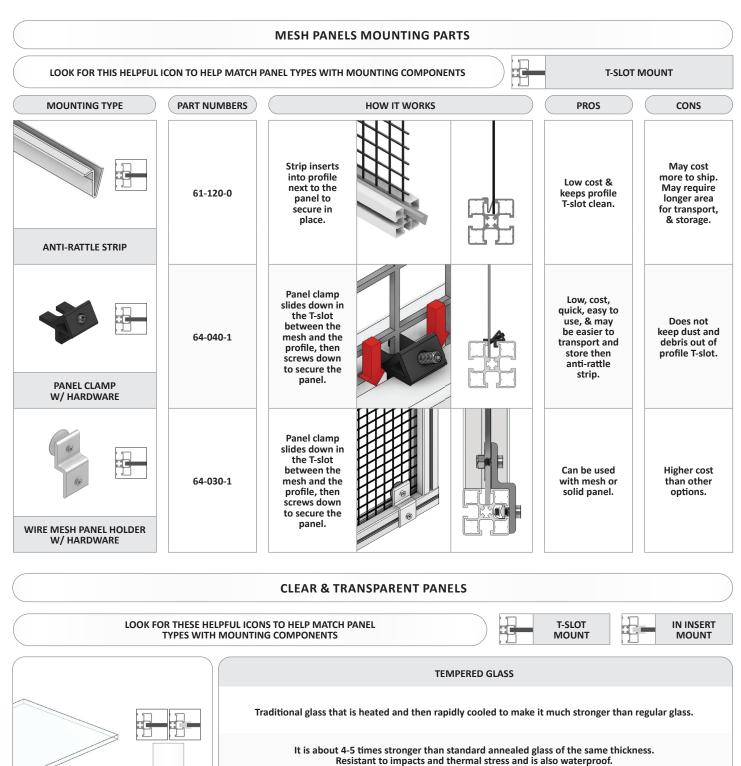
SOLID ALUMINUM PANEL						
	THICKNESS	PANEL SIZE	COLOR	PART #		
9	1/8 IN. THICK			63-400-0		
	1/4 IN. THICK	4 FT. X 8 FT.	METALLIC	63-410-0		
	0.08 IN. THICK			63-420-0		







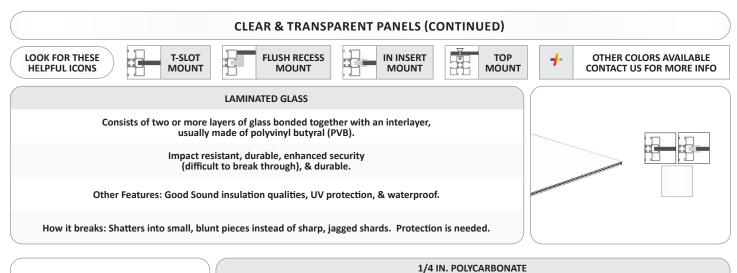
Panels

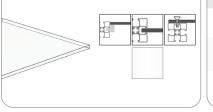


How it breaks: Shatters into small, blunt pieces instead of sharp, jagged shards.



Panels





Polycarbonate (PC) is a type of polymer known for its toughness, high impact resistance, and optical clarity.

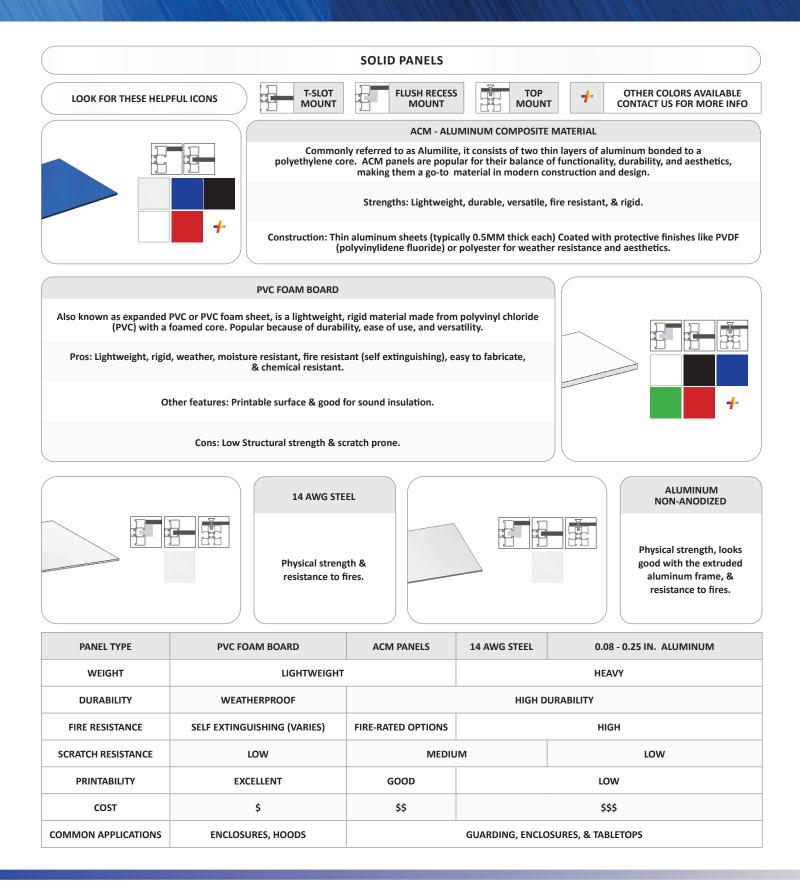
Pros: High impact resistance, optical clarity, lightweight, heat resistant, UV resistant & waterproof.

Cons: Scratch susceptibility, & limited chemical resistance.

1/4 IN. ACRYLIC	
Acrylic panels - Also known as Plexiglas are flat sheets of acrylic (polymethyl methacrylate or PMMA) and are used in a wide range of applications.	
Pros: High optical clarity, lightweight, durable/impact resistant, & waterproof	
Other Features: Easy to fabricate, does not yellow, & UV protection available.	+
Cons: Scratch susceptibility, heat sensitive, & usually has a higher cost.	

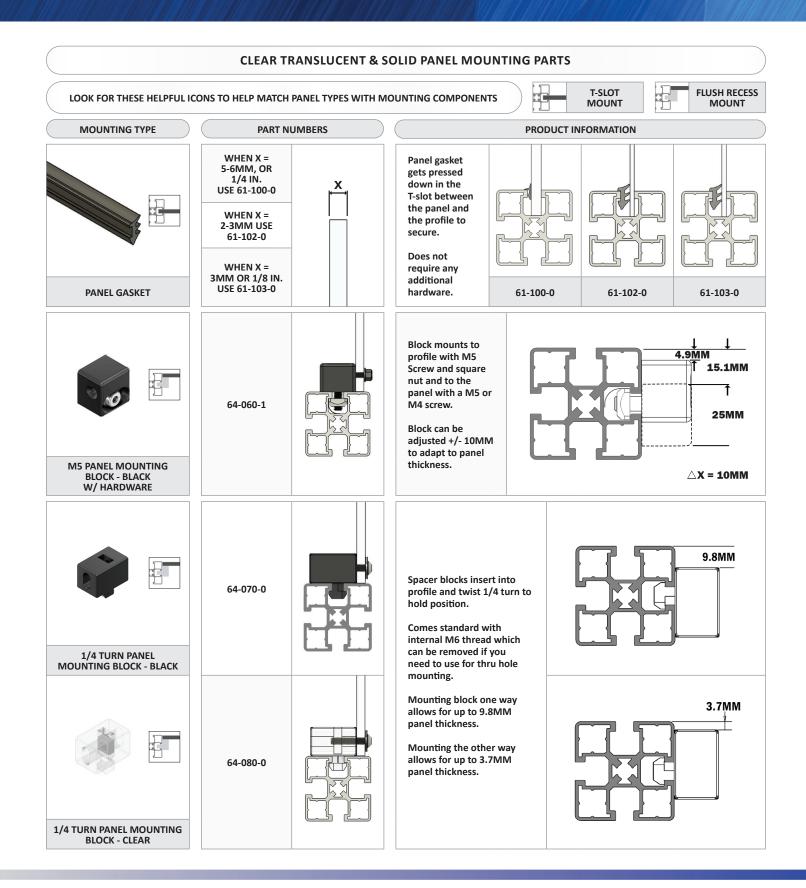
PANEL TYPE	TEMPERED GLASS	LAMINATED GLASS	1/4 IN. POLYCARBONATE	1/4 IN. CLEAR ACRYLIC - PLEXIGLAS	
WEIGHT	HEAVY		LIGHTWEIGHT		
TRANSPARENCY	HIGH - 90% LIGHT TRANSMITTANCE		MODERATE - 88% LIGHT TRANSMITTANCE	HIGH - 92% LIGHT TRANSMITTANCE	
IMPACT RESISTANCE	BRITTLE		250X STRONGER THAN GLASS	10% STRONGER THAN GLASS	
HEAT RESISTANCE	н		IGH	MODERATE - DEFORMS AT ~ 160° C	
SCRATCH RESISTANCE	HI	GH	LOW		
SOUND BLOCKING	HI	GH	LOW		
COST	\$:	\$\$	\$\$		
UV PROTECTION	AVAILABLE		YES	AVAILABLE	
COMMON APPLICATIONS		ERS, DISPLAYS, S, TABLETOPS	ENCLOSURES, ROBOTIC GUARDING, TABLETOPS, GENERAL PURPOSE APPLICATIO		



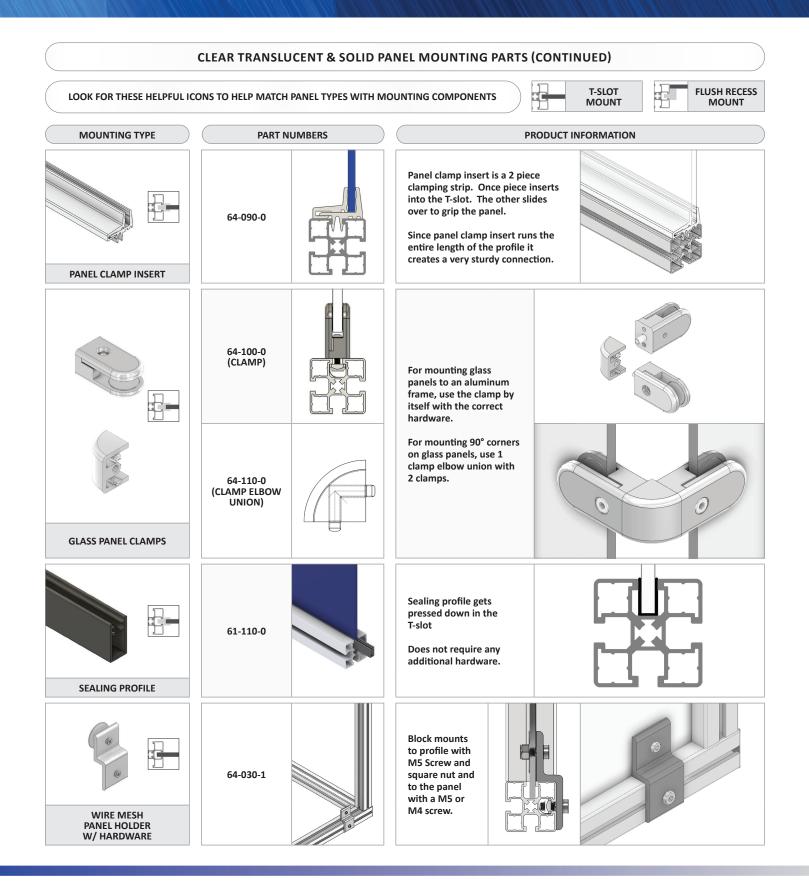




Panels







MODULAR
SOLUTIONS

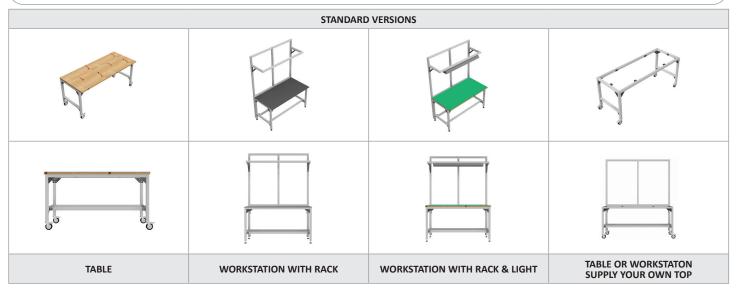
	WOOD		METAL	
	ТҮРЕ	THICKNESS	ТҮРЕ	THICKNESS
14	RED OAK	3/4"	STAINLESS STEEL CLAD	CONTACT US FOR MORE INFORMATION
	MAPLE BUTCHER BLOCK	CONTACT US FOR MORE INFORMATION	ALUMINUM	1/4"
	PINE BUTCHER BLOCK	1 1/4"	POLYMER	
		, ·	ТҮРЕ	THICKNESS
	MFD	3/4"	POLYCARBONATE	1/4"
	SPECIALTY		UHMW	
	ТҮРЕ	THICKNESS		CONTACT US FOR MORE
	ESD	CONTACT US FOR MORE INFORMATION	HDPE	INFORMATION

See pages 30-32 for tabletop mounting information

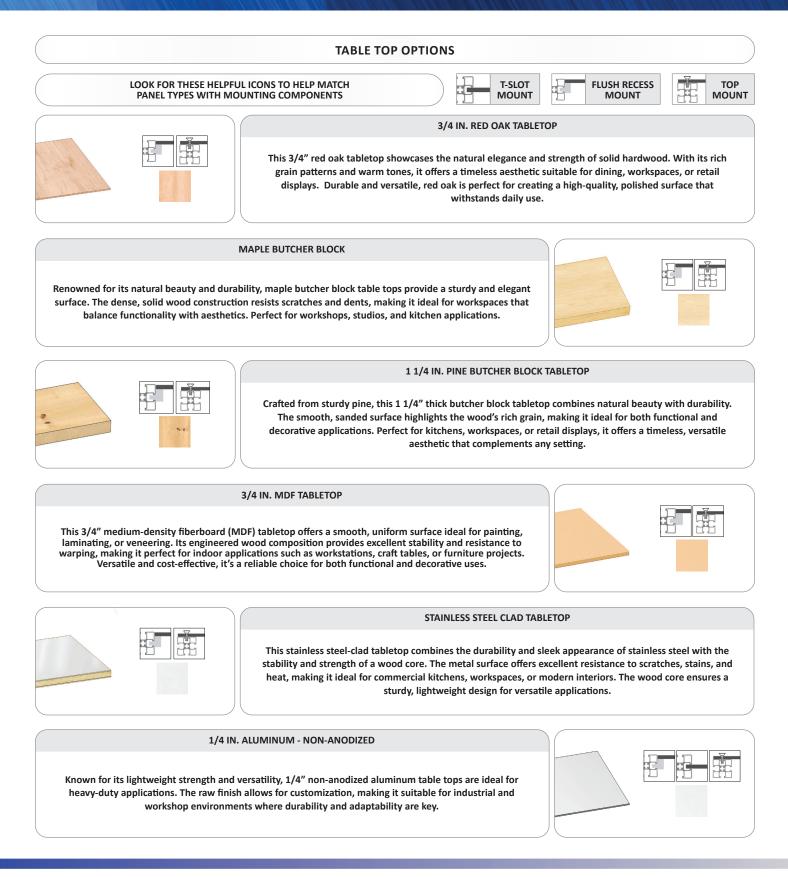
Other panel sizes, colors and materials may be available. Contact us for part numbers and more information.

ASK US ABOUT OUR TABLES AND WORKSTATIONS

Modular Solutions standard table and workstations feature many of the tabletop and mounting options shown in this section. We can also create tailor made versions with specific details to suit your needs. Contact us for more information.

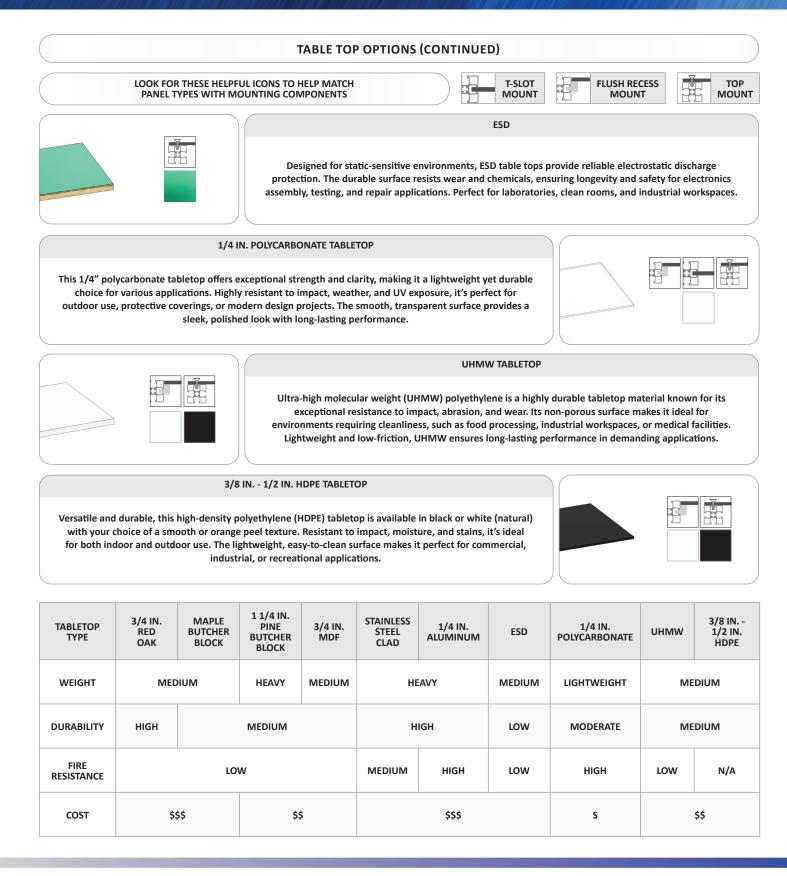




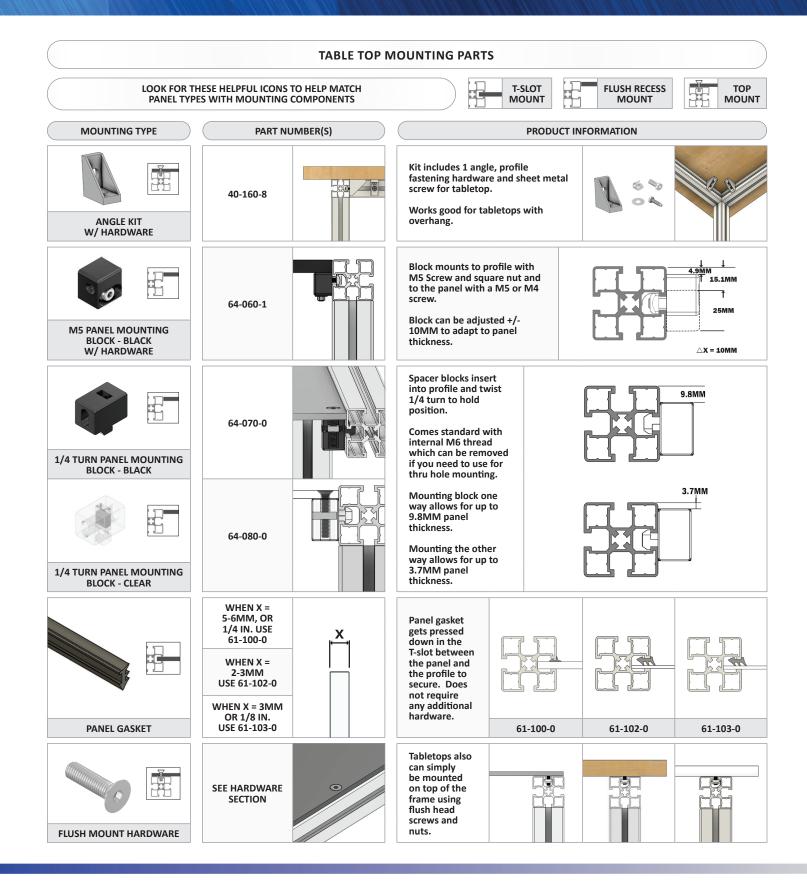


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Profile Accessories



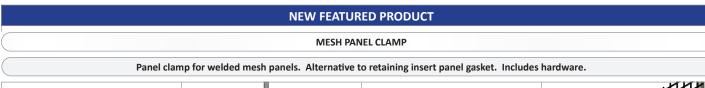


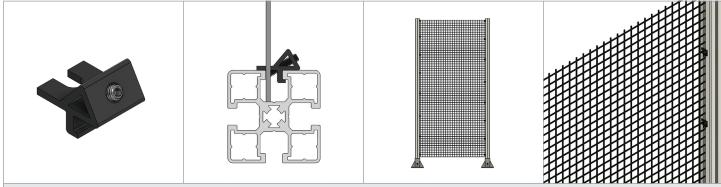
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Profile Accessories

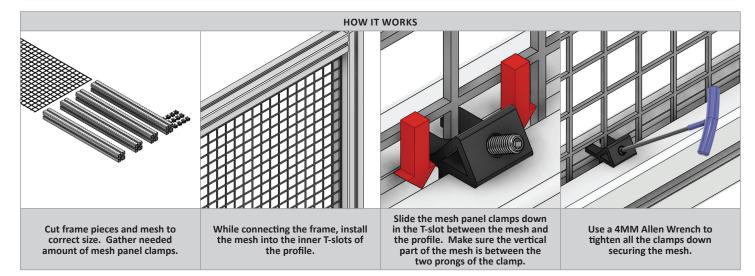








64-040-1



Profile Accessories





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Accessories



		LED L	IGHTS				LED LIGHT POWER SUPPLIES	
		CO	LOR				POWER (WATTS)	
	CLEAR	GREEN	RED		BLUE		20.2	60
LENGTHS	Ĥ							
250MM	61-510-250	61-520-250	61-530-250		61-540-250		MM-1000MM	FOR 1990MM & 2990MM
500MM	61-510-500	61-520-500	61-530-500		61-540-500		ENGTH D LIGHTS	LENGTH
1000MM	61-510-1000	61-520-1000	61-530-1000)	61-540-1000			LED LIGHTS
1990MM	61-510-1990	61-520-1990	61-530-1990)	61-540-1990	61-	560-20W	61-560-60W
2990MM	61-510-2990	61-520-2990	61-530-2990)	61-540-2990			
SWIV	ELING MONITOR MOUNT	HEIGHT ADJUSTABLE ARTICULATING MONITOR MOUNT W/ HARDWARE			HEIGHT ADJUSTABLE ARTICULATING MONITOR MOUNT W/ KEYBOARD TRAY & HARDWARE		TOOL HOLDER W/ HARDWARE	
		1000 Million Mi						
	70-000-1	70-100	0-1		70-200-1			71-300-1
	CUP HOLDER W/ HARDWARE	Profi	ile	ALUM	NINUM BOTTLE CAGE BLACK		ASS	OTTLE DRAIN EMBLY ARDWARE
		Mou	nting Iware				ě F	
	72-000-1	W/ HARDV NO HARDV		72-010-1 72-010-0			72-015-1	
	ATIC WRIST STRAP SD GROUNDING	ESD GROUND	ING PLUG		ESD MAT GROUNDING V	VIRE	T/ 1	D & ANTI-STATIC ABLE MAT LM WIDE 'TO LENGTH
		A	A CONTRACTOR					

75-040-0

75-030-0

75-100-4

75-020-0



Linear Systems



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Linear Systems & Tools

	DFILE RAIL ASSEMBLY - LSH SERIES - 25MM × 1000MM RA 1 BLOCK, NORMAL ACCURACY, I ANDARD BOTTOM MOUNTING FLAN	L* IO PRELOAD		2 BLOCKS	25MM x 1000MM , NORMAL ACCURA	
BEARING & RAIL	LSH25F2N1X1000S20AN-M6		BEARING & RAIL	LSH25F2N1	LX1000S20AN-M6	
BEARING ONLY	LSH25BK-F2N-N-D-M6		BEARING ONLY	LSH25B	K-F2N-N-D-M6	
RAIL ONLY	LSH25RLX1000-S20-N-D		RAIL ONLY	LSH25RL	X1000-S20-N-D	
LSH25F2	t Rail Length, Specify in MM: N1X 🗆 🗆 🗆 🗆 S20AN-M6 H25F2N1X640S20AN-M6		LSH25F2	•	Specify in MM:	
	= 640MM Length 000MM Max Length)			= 640MM Le 000MM Max	ngth	
	PROFILE RAIL ASSEMBLY - LSD SERIE 15MM x 1000MM RA 1 BLOCK, HIGH ACCURACY, NG STANDARD TOP MOUNTING FLANG	L* PRELOAD		2 BLOCH	ASSEMBLY - LSD SE 15MM x 1000MM KS, HIGH ACCURACY OP MOUNTING FLA	, NO PRELOAD
BEARING & RAIL	LSD15F1S1X1000S20AH-M4		BEARING & RAIL	LSD15F1S2	2X1000S20AH-M4	
EARING ONLY	LSD15BK-F1S-H-D-M4		BEARING ONLY	LSD15B	K-F1S-H-D-M4	
RAIL ONLY	LSD15RLX1000-S20-H-D		RAIL ONLY	LSD15RL	X1000-S20-H-D	
LSD15F1 Ex: LS	t Rail Length, Specify in MM: S1X □ □ □ □ S20AH-M4 D15F1S1X320S20AH-M4 = 320MM Length 000MM Max Length)		LSD15F1 Ex: LS	-	ngth	
Т	-HANDLE ALLEN WRENCH 4MM		ALLEN WRENCH 5MM			TORX WRENCH
	23-004-0	23	-005-0			23-100-0
	FORMING TAP M8 X 1.25 150MM DEPTH	7MN	P DRILL A-10MM A6 SCREW		F	STEP DRILL 9MM-14MM OR M8 SCREW
				,		

23-606-SD

23-508-150

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23-608-SD

Hardware



	LENGTH	M4 X 0.70	M5 X 0.80	M6 X 1.00	M8 X 1.25	M10 X 1.5
	8MM	M4X8BHCS-0				
	10MM	M4X10BHCS-0	M5X10BHCS-0	M6X10BHCS-0	M8X10BHCS-0	
	12MM	M4X12BHCS-0	M5X12BHCS-0	M6X12BHCS-0	M8X12BHCS-0	
	14MM		M5X14BHCS-0			
	16MM	M4X16BHCS-0	M5X16BHCS-0	M6X16BHCS-0	M8X16BHCS-0	
	18MM		M5X18BHCS-0		M8X18BHCS-0	
	19MM					
	20MM	M4X20BHCS-0	M5X20BHCS-0	M6X20BHCS-0	M8X20BHCS-0	
40	22MM		M5X22BHCS-0		M8X22BHCS-0	
	25MM	M4X25BHCS-0	M5X25BHCS-0	M6X25BHCS-0	M8X25BHCS-0	
	30MM	M4X30BHCS-0	M5X30BHCS-0	M6X30BHCS-0	M8X30BHCS-0	M10X30BHCS-0
	35MM		M5X35BHCS-0	M6X35BHCS-0	M8X35BHCS-0	
	40MM		M5X40BHCS-0	M6X40BHCS-0	M8X40BHCS-0	M10X40BHCS-0
	45MM		M5X45BHCS-0	M6X45BHCS-0	M8X45BHCS-0	
	50MM	M4X50BHCS-0	M5X50BHCS-0	M6X50BHCS-0	M8X50BHCS-0	
	60MM				M8X60BHCS-0	
	70MM				M8X70BHCS-0	

BUTTON HEAD CAP SCREW - ZINC PLATED

BUTTON HEAD CAP SCREW TORX SCREW - ZINC PLATED



LENGTH	M6 X 1.00	M8 X 1.25
16MM	M6X16BHCS-2	M8X16BHCS-2
25MM		M8X25BHCS-2
35MM		M8X35BHCS-2

BUTTON HEAD CAP SCREW TORX SCREW TAMPER RESISTANT - ZINC PLATED

LENGTH	M5 X 0.80	M6 X 1.00	M8 X 1.25
16MM		M6X16BHCS-4	M8X16BHCS-4
20MM			M8X20BHCS-4
40MM	M5X40BHCS-4		

FLANGED BUTTON HEAD CAP SCREW - ZINC PLATED

	LENGTH	M4 X 0.70	M6 X 1.00
	16MM	M4X16FBHCS-0	M6X16FBHCS-0
Car	20MM		M6X20FBHCS-0



Hardware



	LENGTH	M3 X 0.50	M4 X 0.70	M5 X 0.80	M6 X 1.00	M8 X 1.25	M10 X 1.25
	10MM			M5X10LHSCS-0			
	12MM			M5X12LHSCS-0	M6X12LHSCS-0	M8X12LHSCS-0	
	14MM					M8X14LHSCS-0	
	16MM	M3X16LHSCS-0		M5X16LHSCS-0	M6X16LHSCS-0	M8X16LHSCS-0	
	18MM				M6X18LHSCS-0	M8X18LHSCS-0	
	20MM			M5X20LHSCS-0	M6X20LHSCS-0	M8X20LHSCS-0	
all and a second	22MM				M6X22LHSCS-0	M8X22LHSCS-0	
	25MM	M3X25LHSCS-0		M5X25LHSCS-0	M6X25LHSCS-0	M8X25LHSCS-0	M10X25LHSCS-0
	30MM			M5X30LHSCS-0	M6X30LHSCS-0	M8X30LHSCS-0	M10X30LHSCS-0
	35MM		M4X35LHSCS-0	M5X35LHSCS-0	M6X35LHSCS-0	M8X35LHSCS-0	
	40MM			M5X40LHSCS-0	M6X40LHSCS-0	M8X40LHSCS-0	M10X40LHSCS-0
	45MM			M5X45LHSCS-0	M6X45LHSCS-0	M8X45LHSCS-0	M10X45LHSCS-0
	50MM			M5X50LHSCS-0	M6X50LHSCS-0	M8X50LHSCS-0	
	60MM				M6X60LHSCS-0		
	90MM						M10X90LHSCS-0

LOW HEAD SOCKET HEAD CAP SCREW - ZINC PLATED

LOW HEAD SOCKET CAP SCREW - STAINLESS STEEL

LENGTH

12MM

16MM

20MM

25MM

40MM

M6 X 1.00 M9 V 1 25 LENGTH M8 X 1.25 M6X12 M6X16 16MM M8X16ULHSCS-3

ULTRA LOW HEAD SOCKET CAP SCREW - STAINLESS STEEL

NIG X 1.00	IVI8 X 1.25
M6X12LHSCS-3	
M6X16LHSCS-3	M8X16LHSCS-3
	M8X20LHSCS-3
M6X25LHSCS-3	M8X25LHSCS-3
M6X40LHSCS-3	

FLAT HEAD CAP SCREW - COUNTERSUNK

	LENGTH	M4 X 0.70	M5 X 0.80	M6 X 1.00	M8 X 1.25
	8MM	M4X8FHCS-0			
	10MM	M4X10FHCS-0	M5X10FHCS-0	M6X10FHCS-0	M8X10FHCS-0
	12MM	M4X12FHCS-0	M5X12FHCS-0	M6X12FHCS-0	M8X12FHCS-0
	14MM		M5X14FHCS-0		
	16MM	M4X16FHCS-0	M5X16FHCS-0	M6X16FHCS-0	M8X16FHCS-0
	18MM		M5X18FHCS-0		
	20MM	M4X20FHCS-0	M5X20FHCS-0	M6X20FHCS-0	M8X20FHCS-0
	22MM				M8X22FHCS-0
	25MM	M4X25FHCS-0	M5X25FHCS-0	M6X25FHCS-0	M8X25FHCS-0
	30MM	M4X30FHCS-0	M5X30FHCS-0	M6X30FHCS-0	M8X30FHCS-0
	35MM		M5X35FHCS-0	M6X35FHCS-0	M8X35FHCS-0
	40MM		M5X40FHCS-0	M6X40FHCS-0	M8X40FHCS-0
	45MM		M5X45FHCS-0	M6X45FHCS-0	M8X45FHCS-0
	50MM		M5X50FHCS-0	M6X50FHCS-0	M8X50FHCS-0

Ø

Hardware



HEX HEAD CAP SCREW - ZINC PLATED

	LENGTH	M6 X 1.00	M8 X 1.25	M10 X 1.25
	16MM	M6X16HHCS-0		
	20MM	M6X20HHCS-0	M8X20HHCS-0	
	25MM		M8X25HHCS-0	M10X25HHCS-0
	30MM			M10X30HHCS-0

HAMMER HEAD SCREW - ZINC PLATED

LENGTH	M6 X 1.00
20MM	M8X20HHS-0
25MM	M8X25HHS-0
30MM	M8X30HHS-0
35MM	M8X35HHS-0

SQUARE NUTS W/ POSITION FIX SPRING - STAINLESS STEEL

	THREAD	PART NUMBER
	1/4-20	1/4S-PF-3
	5/16-18	5/16S-PF-3
	M4	M4S-PF-3
	M5	M5S-PF-3
	M6	M6S-PF-3
	M8	M8S-PF-3

SQUARE NUTS - ZINC PLATED

	THREAD	PART NUMBER
	M4	M4S-0
	M4	M5S-0
	M6	M6S-0
	M8	M8S-0

RECTANGULAR NUTS W/ POSITION FIX SPRING - ZINC PLATED

THREAD	PART NUMBER
M4	M5L-PF
M6	M6L-PF
M8	M8L-PF

FLAT HEAD CAP SCREW - COUNTERSUNK STAINLESS STEEL



LENGTH	M6 X 1.00	M8 X 1.25
10MM	M6X10FHCS-3	M8X10FHCS-3
16MM	M6X16FHCS-3	
20MM		M8X20FHCS-3
45MM		M8X45FHCS-3

SQUARE NUTS W/ POSITION FIX SPRING - ZINC PLATED

	THREAD	PART NUMBER
	1/4-20	1/4S-PF
	5/16-18	5/16S-PF
	M3	M3S-PF
	M4	M4S-PF
	M5	M5S-PF
	M6	M6S-PF
	M8	M8S-PF
_		

SQUARE NUTS W/ POSITION FIX SPRING ELECTRO STATIC DISCHARGE

	THREAD	PART NUMBER
	1/4-20	1/4S-PF-ESD
	5/16-18	5/16S-PF-ESD
	M4	M4S-PF-ESD
	M5	M5S-PF-ESD
	M6	M6S-PF-ESD
	M8	M8S-PF-ESD

SQUARE NUTS - STAINLESS STEEL



THREAD	PART NUMBER
5/16	5/165-3
M8	M85-3

RECTANGULAR NUTS - ZINC PLATED



THREAD	PART NUMBER
M4	M4L-0
M5	M5L-0
M6	M6L-0
M8	M8L-0





HEX NUTS - ZINC PLATED				
	THREAD	PART NUMBER		
	M4	M4H-0		
	M5	M5H-0		
	M6	M6H-0		
	M8	M8H-0		
	M10	M10H-0		
	M16	M16H-0		

STANDARD WASHER - ZINC PLATED

THREAD & WIDTH DIA.	PART NUMBER
M4 X 8MM	M4SMW-0
M5 X 10MM	M5SMW-0
M6 X 12MM	M6SMW-0
M8 X 16MM	M8SMW-0
M10 X 20MM	M10SMW-0
M16 X 24MM	M16SMW-0

SQUARE WASHER - ZINC PLATED

THREAD & WIDTH DIA.	PART NUMBER
M5 X 13	M5SW-0
M6 X 13	M6SW-0
M8 X 13	M8SW-0

CONE POINT SET SCREW - ZINC PLATED

	LENGTH	M5 X 0.80	M6 X 1.00	M8 X 1.25
	10MM	M5X10SET-0	M6X10SET-0	
)	12MM			M8X12SET-0
	16MM		M6X16SET-0	

WEDGE ANCHORS - ZINC PLATED

~	THREAD X LENGTH	PART NUMBER
	3/8 x 3 IN.	24-383-0
	1/2 x 3 IN.	24-123-0

SERRATED FLANGE HEX NUTS - ZINC PLATED

THREAD	PART NUMBER
M4	M4F-0
M5	M5F-0
M6	M6F-0
M8	M8F-0
M10	M10F-0

FENDER WASHER - ZINC PLATED

THREAD & WIDTH DIA.	PART NUMBER
M4 x 12MM	M4FW-0
M5 X 15MM	M5FW-0
M6 X 20MM	M6FW-0
M8 X 24MM	M8FW-0
M10 X 30MM	M10FW-0

LARGE WASHER - ZINC PLATED

THREAD & WIDTH DIA.	PART NUMBER
M8 X 22	M8LGW-0

LOCK WASHER - ZINC PLATED

THREAD & WIDTH DIA.	PART NUMBER
M4 X 6	M4LKW-0
M5 X 8	M5LKW-0
M6 X 12	M6LKW-0
M8 X 14	M8LKW-0
M10 X 18	M10LKW-0

ANCHOR BOLTS - ZINC PLATED

THREAD X LENGTH	PART NUMBER
3/8 x 3 IN.	24-3835-0
1/2 x 3 IN.	24-1235-0



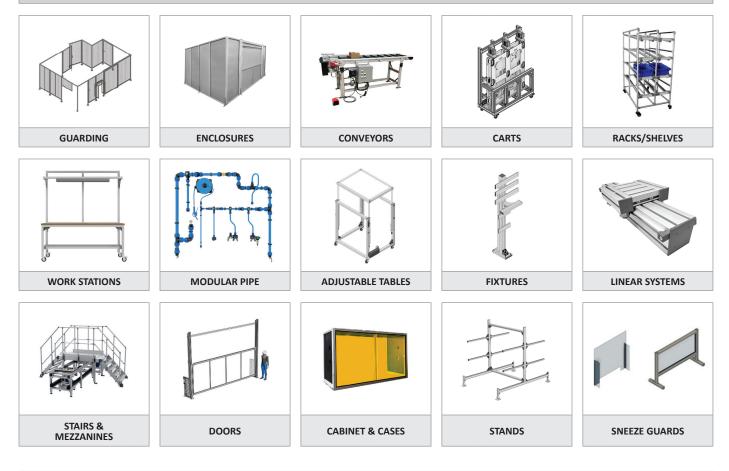
Quick Sketch Area

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 SPEEDLOCK
 BUILD A TABLE

 Image: Constant Constant

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